

Title (en)

A frequency band allocation device and method

Title (de)

Vorrichtung und Verfahren zur Frequenzband-Zuweisung

Title (fr)

Un dispositif et procédé d'allocation de bandes de fréquence

Publication

EP 1641186 B1 20101201 (EN)

Application

EP 05255887 A 20050922

Priority

JP 2004275585 A 20040922

Abstract (en)

[origin: EP1641186A1] A frequency band allocation device is disclosed. The frequency band allocation device comprises a frequency band selection unit for selecting usable frequency bands from a dedicated frequency band, a registered frequency band and an unlicensed frequency band; and a frequency band allocation unit for allocating a frequency band out of the selected usable frequency bands to a user, so as to satisfy user required QoS and maximize system frequency utilization factor.

IPC 8 full level

H04W 16/02 (2009.01); **H04W 16/10** (2009.01); **H04W 16/14** (2009.01); **H04W 72/04** (2009.01); **H04W 88/06** (2009.01)

CPC (source: EP US)

H04W 72/543 (2023.01 - EP US); **H04W 88/06** (2013.01 - EP US)

Citation (examination)

- US 5754961 A 19980519 - SERIZAWA MUTSUMU [JP], et al
- JP 2004186923 A 20040702 - NTT DOCOMO INC

Cited by

EP2510734A4; WO2011071424A1; WO2009056372A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

EP 1641186 A1 20060329; **EP 1641186 B1 20101201**; CN 100558195 C 20091104; CN 1753566 A 20060329; DE 602005025070 D1 20110113; JP 2006094002 A 20060406; JP 4619077 B2 20110126; US 2006063500 A1 20060323; US 7689186 B2 20100330

DOCDB simple family (application)

EP 05255887 A 20050922; CN 200510104978 A 20050922; DE 602005025070 T 20050922; JP 2004275585 A 20040922; US 23179405 A 20050922